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(54) Title: PHOTOCURABLE AND ANTISTATIC RESIN COMPOSITION FOR COATING OPTICAL FIBER

(57) Abstract: The present invention is directed to a photocurable and antistatic resin composition for coating an optical fiber, comprising (A) a photopolymerizable urethane acrylate oligomer, (B) a reactive monomer having at least one (meth)acrylate or vinyl group, (C) a photoinitiator, and (D) an antistatic agent compatible with the oligomer and monomer components, and optionally (E) a pigment or dye. The coating of the inventive composition can increase the productivity of the optical fiber, and provide an optical fiber having a uniform coating layer.

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